

ABSTRACT

A surgical device includes a sealing member forming a gas tight seal with an instrument disposed in an opening of the sealing member. The sealing member includes a seal ring connected to the interior of the handle, and a conical section having the instrument disposed therein. In an embodiment, the conical section is connected to the seal ring and has a height at least as large as a diameter of a base of the conical section before disposing the instrument therein. In another embodiment, first and second elastic protrusions have the instrument disposed therein, the elastic protrusions contacting one another to form the gas tight seal. In another embodiment, a first section is connected to the seal ring, and a second section is connected to the first section and has the instrument disposed therein. The sealing members, as well as methods of sealing with the sealing members are also disclosed.